

#9

RECEIVED

MAY 10 2002

TECH CENTER 1600/2900



1600

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/695,293

DATE: 05/02/2002

TIME: 14:04:31

Input Set : A:\2002-04-18 2786-0140P seq list.txt

Output Set: N:\CRF3\05022002\I695293.raw

RECEIVED

MAY 10 2002

TECH CENTER 1600/2900

ENTERED

3 <110> APPLICANT: BERNSTEIN, Jeanne
 4 LEVINE, Zurit
 6 <120> TITLE OF INVENTION: VARIANTS OF ALTERNATIVE SPLICING
 8 <130> FILE REFERENCE: 2786-0140P
 10 <140> CURRENT APPLICATION NUMBER: US 09/695,293
 11 <141> CURRENT FILING DATE: 2000-10-25
 13 <150> PRIOR APPLICATION NUMBER: IL 132558
 14 <151> PRIOR FILING DATE: 1999-10-25
 16 <160> NUMBER OF SEQ ID NOS: 52
 18 <170> SOFTWARE: PatentIn Ver. 2.1
 20 <210> SEQ ID NO: 1
 21 <211> LENGTH: 1530
 22 <212> TYPE: DNA
 23 <213> ORGANISM: Homo sapiens
 25 <220> FEATURE:
 26 <221> NAME/KEY: misc_feature
 27 <222> LOCATION: (1)..(1530)
 28 <223> OTHER INFORMATION: any n = a, g, c, t, unknown, or other
 30 <400> SEQUENCE: 1
 31 caggccttga ggttttggca gctctggagg atgagagaga acatggccag gggcccttgc 60
 32 aacgcgccga gatgggtgtc cctgatgggtg ctgcgtcgcca taggcaccgc cgtgacagcg 120
 33 gccgtcaacc ctggcgctcgt ggtcaggatc tcccagaagg gcctggacta cgccagccag 180
 34 caggggacgg ccgctctgca gaaggagctg aagaggatca agattcctga ctactcagac 240
 35 agctttaaga tcaagcatct tgggaagggg cattatagct tctacagcat ggacatccgt 300
 36 gaattccagc ttcccagttc ccagataagc atggtgccca atgtgggcct taagtctctc 360
 37 atcagcaacg ccaatatcaa gatcagcggg aaatggaagg cacaaaagag attcttaaaa 420
 38 atgagcggca attttgacct gagcatagaa ggcattgtcca ttctggctga tctgaagctg 480
 39 ggcagtaacc ccacgtcagg caagcccacc atcacctgct ccagctgcag cagccacatc 540
 40 aacagtgtcc acgtgcacat ctcaaagagc aaagtcgggt ggctgatcca actcttccac 600
 41 aaaaaaattg agtctgcgct tcgaaacaag atgaacagcc aggtctgcga gaaagtgacc 660
 42 aattctgtat cctccaagct gcaaccttat ttccagactc tgccagtaat gacaaaaata 720
 43 gattctgtgg ctggaatcaa ctatggtctg gtggcacctc cagcaaccac ggctgagacc 780
 44 ctggatgtac agatgaaggg ggagttttac agtgagaacc accacaatcc acctcccttt 840
 45 gctccaccag tgatggagtt tcccgtctgc catgaccgca tggatatacct gggcctctca 900
 46 gactacttct tcaacacagc cgggcttgta taccaagagg ctgggggtctt gaagatgacc 960
 47 cttagagatg acatgattcc aaaggagtcc aaatttcgac tgacaaccaa gttcttttga 1020
 48 accttcttac ctgaggtggc caagaagttt cccaacatga agatacagat ccatgtctca 1080
 49 gcctccacc cgccacacct gtctgtgcag cccaccggcc ttaccttcta ccctgccgtg 1140
 50 gatgtccagg cctttgccgt cctccccaac tcctccctgg ctccctctt cctgattggc 1200
 51 atggtaagca gttcctgggt tggacagatg aggagcccca gacagtccca acagcactgt 1260
 52 ctttgagtc aggagaccat gtgaatcctg tctggattca aacctggact gtgtcactcc 1320
 53 ggagcctgag gcttgagtca ctgtactcaa tgggtccgac tcctggaggt attcattcac 1380
 54 ccagccattc actagtgcgt ttgtttactt attcattcaa ttattcattc agtcaatttc 1440

RAW SEQUENCE LISTING

DATE: 05/02/2002

PATENT APPLICATION: US/09/695,293

TIME: 14:04:31

Input Set : A:\2002-04-18 2786-0140P seq list.txt

Output Set: N:\CRF3\05022002\I695293.raw

```

-> 55 tcattcattc anttattcat tccatgttgg cttgaaatat gtgtactgtn ccaattnatc 1500
56 cttttatata tttagtcatt caattatgca 1530
59 <210> SEQ ID NO: 2
60 <211> LENGTH: 2251
61 <212> TYPE: DNA
62 <213> ORGANISM: Homo sapiens
64 <400> SEQUENCE: 2
65 ttttttcagg ggtatgaggc tttattcagg aagagctcaa gatgggaggg gagcccctgg 60
66 ggtcccactc ttgtggcctc ttgataccaa ggctcatggg acgctaaaac ctaatgactg 120
67 caggcatctg agcttccttg gagtcactct tggggggcac aggggcagcc tcagagtcac 180
68 ccgtgggggg cacagggggg gccccggagt caccgcgtgg cggcacgggg gcggtctcgg 240
69 agtcacccgt agcgggggat gggcagcctc agtgtcacc aaggtgggca cgggcctcag 300
70 agtcacccgt gggcggcacg gggggggccc cggagtcacc cgtgggcggc acgggggggg 360
71 ccccgagtc acccgtgggc ggcacggggg gggccccgga gtcaccctg ggcggcacgg 420
72 gggcgggtct ggagtcaccc gtggggggga cgggagtggc ctcgaggtcc cctgtggggg 480
73 gcacaggggt ggcctccttg tcggtcactg tgggcagcgc cagataggtg aggggtccag 540
74 agcgcaggaa gttggttctc aggtccgct tcatggagct gctgccatc ttcttggtga 600
75 tctccaggta gccgctgttt tccgtagtgt agggttccca gtgtgtgggc acagccgagt 660
76 cgcctatggt ggggtccctt gttttggcaa agttggtcca gtaggcgac atggccttag 720
77 agactgtcct gtcttggggc cggtagcccg tgggggtggc gaagggttc ccgaaaacgt 780
78 actgaatgtc atctgcatgg tcggccccc cccatttggg gtagacgggc atccgagagg 840
79 gatgggaaaa caggtaggcg taggtcttgg cactcttggc attggctctg tgctgggcta 900
80 gggcaatctc ggtgggcacc aggaagagga catcgtctc aaagtccacc acagtcttct 960
81 tcttattctc ctgggatggg tcctgggccc aggactcggg gtagacatca aaggctcgtc 1020
82 tggcgctctc gagccccttg gtgattgtga actcactgac cagctttag aagtcctcct 1080
83 ccgtgacttt cttgttgccc ttgttgatgg caggcatgtc gatgctggcg aagatgtggc 1140
84 cgtccatggt gttggtgcct gctatatagt cgatgtcggc ggcgttggcg tacaggttga 1200
85 tcgggtcagc ggggatgaag tctccatcaa tgacaggga gaagcccaca tagtgacga 1260
86 tggggtactc caggcctgcc agcggcacct tataggccag cgtcagggct cggggatcag 1320
87 taaccttcag aactgggcc atcctggcg catcaccac agggcaacc accttctcag 1380
88 ccaccttttt gggccagaag agtgggtttt tctggatgac ccagggactc agggccacgc 1440
89 cgctctggct gatgctcgc cggatgagc ccttgttcta ggggagagg gtctgcagag 1500
90 agacgtggc acctccagca gactcccga agagcgtgat gttgttggg tccccccga 1560
91 aggcgcgat attcctctc acccaagcaa tggccatgtg ctgatcccga agaccatagt 1620
92 tacctggcag attggcgtcc ccagtgtga ggaacccaag gggcccgaca cggtagttga 1680
93 aggtgaccac gatgacgttt ccgctgtgg cgatctctc gccgtcatac aggtagttgt 1740
94 tgaggaagtt ggcctcatgg ccggacccca tgaggaagg gcctccatag atccagatca 1800
95 taacgggcag gtcccgagg acttgcttcc tgccctgggg caccctaatg ttgaggtaca 1860
96 ggcagtcttc atccccgtg gtgtgtcct ggggtgatgg ggctgcagg catctcttct 1920
97 tgaagttctt ggccttcagg gtcccttgc agccaggatg tggctgagga ttttccagg 1980
98 ccttgggtgg agctgcgaag gggatgcct tgaagatgtc cacagagtca cccaggaggc 2040
99 cgagcttctt attgacgcct tccacgaacc caccttctgt gtacacggcg cccagcttcg 2100
100 cggcactcgc cactgcccag cagcagggtga ggcccaacac aaccagttgc aggcgcccc 2160
101 tggtagcat cagcctctgg atgaataaac tctttgcatt atcttgagac tgctgttct 2220
102 tccatcttga cacttaactg atacagaagg t 2251
105 <210> SEQ ID NO: 3
106 <211> LENGTH: 2078
107 <212> TYPE: DNA
108 <213> ORGANISM: Homo sapiens

```

RAW SEQUENCE LISTING

DATE: 05/02/2002

PATENT APPLICATION: US/09/695,293

TIME: 14:04:31

Input Set : A:\2002-04-18 2786-0140P seq list.txt

Output Set: N:\CRF3\05022002\I695293.raw

110 <400> SEQUENCE: 3

```

111 ctgctgctcc tggggttcct gctggtgagc ttggagtcaa cactttcgat tccaccttgg 60
112 gaagccccca aggagcataa gtacaaagct gaagagcaca cagtcgttct cactgtcacc 120
113 ggggagccct gccacttccc ctccagtagc caccggcagc tgtaccacaa atgtaccac 180
114 aaggggccggc caggccctca gccctggtgt gctaccaccc ccaactttga tcaggaccag 240
115 cgatggggat actgtttgga gcccaagaaa gtgaaagacc actgcagcaa acacagcccc 300
116 tgccagaaaag gagggacctg tgtgaacatg ccaagcggcc cccactgtct ctgtccacaa 360
117 cacctcactg gaaaccactg ccagaaaagag aagtgttttg agcctcagct tctccggttt 420
118 ttccacaaga atgagatatg gtatagaact gagcaagcag ctgtggccag atgccagtgc 480
119 aagggtcctg atgccactg ccagcggctg gccagccagg cctgccgcac caaccctgtc 540
120 ctccatgggg gtgctgctcct agaggtggag ggccaccgcc tgtgccactg cccggtgggc 600
121 tacaccggac ctttctgcga cgtggacacc aaggcaagct gctatgatgg ccgcggtctc 660
122 agctaccgcg gcctggccag gaccacgtct tcgggtgcgc cctgtcagcc gtgggcctcg 720
123 gaggccacct accggaacgt gactgccgag caagcgcgga actggggact gggcgggcac 780
124 gccttctgcc ggaaccggga caacgacatc cgcccggtgt gcttcgtgct gaaccgcgac 840
125 cggttgagct gggagtactg cgacctggca cagtgccaga cccaaccca ggcggcgcc 900
126 ccgaccccg ggtcccctag gcttcatgtc ccactcatgc ccgcgcagcc ggcaccgcg 960
127 aagcctcagc ccacgaccgc gacccgcctc cagtcccaga ccccgggagc cttgccggcg 1020
128 aagcgggagc agccgccttc cctgaccagg aacggccac tgagctgcg gcagcggctc 1080
129 cgcaagagtc tgtcttcgat gaccgcgtct gttggcgggc tgggtggcgct acgcggggcg 1140
130 cacccttaca tcgcgcgct gtactggggc cacagtttct gcgcggcag cctcatcgcc 1200
131 ccctgctggg tgctgacggc cgtcactgct ctgcaggacc ggcccgacc cgaggatctg 1260
132 acggtggtgc tcggccagga acgcgtaac cacagctgtg agcctgcca gacgttggcc 1320
133 gtgcgtcctt accgcttgca cgaggccttc tcgccgtca gctaccagca cgacctggct 1380
134 ctgttgcgcc ttcaggagga tgccgacggc agctgcgcgc tctgtcgcc ttacgttcag 1440
135 ccggtgtgcc tgccaagcg cgccgcgcga ccctccgaga ccacgtctg ccaggtggcc 1500
136 ggctggggcc accagttcga gggggcggag gaatatgcca gcttccctga ggaggcgag 1560
137 gtaccgttcc tctccctgga gcgctgctca gcccggacg tgcacggatc ctccatcctc 1620
138 cccggcatgc tctgcgcagg gttcctcgag ggcgccacc atgcgtgcag gtgagctctt 1680
139 agccggttg cgcccttccc cgaggcgtc agcawaatct caggctccaca gcgtgactg 1740
140 cgtgtttccg acccaggggt attccggagg cccgctgggt tgtgaggacc aagctgcaga 1800
141 gcgcgcgtc accctgcaag gcatcatcag ctggggatcg ggctgtggtg accgcaacaa 1860
142 gccaggcgct tacaccgat tggcctacta cttggcctgg atccgggagc acaccgttct 1920
143 ctgattgctc agggactcat ctttccctcc ttggtgattc cgcagtgaga gagtggctgg 1980
144 ggcattggaag gcaagattgt gtccatttcc cccagtgcgg ccagctccgc gccaggatgg 2040
145 cgcaggaact caataaagt ctttgaaaat gctgagaa 2078

```

148 <210> SEQ ID NO: 4

149 <211> LENGTH: 720

150 <212> TYPE: DNA

151 <213> ORGANISM: Homo sapiens

153 <400> SEQUENCE: 4

```

154 tcgaccgccc cttggcttct gactgatgg ttgggtggat agtaatgat ccaggaagcc 60
155 tggaggcctg tggtttcgc acccgctgcc acccccgccc ctacgctgga catttatcct 120
156 ctacgctca ggccctgcgc gcatcgccgc agatccagcg cccagagaga caccagagaa 180
157 cccaccatgg cccctttga gccctggtt tctggcatcc tgttgttgc gtggtgata 240
158 gccccagca gggcctgcac ctgtgtccca cccacccac agacggcctt ctgcaattcc 300
159 gacctgctca tcagggcaa gtctgtggg acaccagaag tcaaccagac caccttatac 360
160 cagcgttatg agatcaagat gaccaagat tataaagggt tccaagcctt aggggatgcc 420
161 gctgacatcc ggttcgtcta ccccccgcc atggagagtg tctgcggata cttccacagg 480

```

RAW SEQUENCE LISTING

DATE: 05/02/2002

PATENT APPLICATION: US/09/695,293

TIME: 14:04:31

Input Set : A:\2002-04-18 2786-0140P seq list.txt

Output Set: N:\CRF3\05022002\I695293.raw

```

162 tcccacaacc gcagcgagga gttttctcatt gctggaaaac tgcaggatgg actcttgcac 540
163 atcactacct gcagttttgt ggctccctgg aacagcctga gcttagctca gcgccggggc 600
164 ttcaccaaga cctacactgt tggctgtgag gaatgcacag tgtttccctg ttcccactcc 660
165 catctttctt ccggacaatg aaataaagag ttaccaccca gcagaaaaaa caaacaagtc 720
168 <210> SEQ ID NO: 5
169 <211> LENGTH: 556
170 <212> TYPE: DNA
171 <213> ORGANISM: Homo sapiens
173 <400> SEQUENCE: 5
174 tcgaccgccc cttggcttct gcaactgatgg tgggtggatg agtaatgcat ccaggaagcc 60
175 tggaggcctg tggtttccgc acccgctgcc acccccgccc ctagecgtga catttacct 120
176 ctagecgtca ggccctgcgc gcatcgccgc agatccagcg cccagagaga caccagagaa 180
177 cccaccatgg ccccttttga gcccctggct tctggcatcc tgttggttgc gtggctgata 240
178 gccccagca gggcctgcac ctgtgtccca cccacccac agacggcctt ctgcaattcc 300
179 gacctcgtca tcagggccaa gttcgtgggg acaccagaag tcaaccagac caccttatac 360
180 cagcgttatg agatcaagat gaccaagatg tataaagggt tccaagcctt aggggatgcc 420
181 gctgacatcc ggttcgtcta ccccccgcc atggagagtg tctgcggata cttccacagg 480
182 tcccacaacc gcagcgagga gttttctcatt gctggaaaac tgcaggtagt gatgtgcaag 540
183 agtccatccg tcgtac 556
186 <210> SEQ ID NO: 6
187 <211> LENGTH: 934
188 <212> TYPE: DNA
189 <213> ORGANISM: Homo sapiens
191 <400> SEQUENCE: 6
192 tcgaccgccc cttggcttct gcaactgatgg tgggtggatg agtaatgcat ccaggaagcc 60
193 tggaggcctg tggtttccgc acccgctgcc acccccgccc ctagecgtga catttacct 120
194 ctagecgtca ggccctgcgc gcatcgccgc agatccagcg cccagagaga caccagagaa 180
195 cccaccatgg ccccttttga gcccctggct tctggcatcc tgttggttgc gtggctgata 240
196 gccccagca gggcctgcac ctgtgtccca cccacccac agacggcctt ctgcaattcc 300
197 gacctcgtca tcagggccaa gttcgtgggg acaccagaag tcaaccagac caccttatac 360
198 cagcgttatg agatcaagat gaccaagatg tataaagggt tccaagcctt aggggatgcc 420
199 gctgacatcc ggttcgtcta ccccccgcc atggagagtg tctgcggata cttccacagg 480
200 tcccacaacc gcagcgagga gttttctcatt tctgggaaa attgcaggat gggatttttg 540
201 cacattcact aacctgcagt ttttggttggg ttcttggga acagcctgag cttagctcag 600
202 cgccggggct tcaccaagac ctacactgtt ggctgtgagg aatgcacagt gtttccctgt 660
203 ttatccatcc cctgcaaact gcagagtggc actcattgct tgtggacgga ccagctcctc 720
204 caaggctctg aaaagggtt ccagtcccgt caccttgctt gcctgcctcg ggagccaggg 780
205 ctgtgcacct ggcagtccct gcggtcccag atagcctgaa tcctgcccgg agtggaaact 840
206 gaagcctgca cagtgtccac cctgttccca ctcccatctt tcttccggac aatgaaataa 900
207 agagttacca cccagcagaa aaaacaaaca agtc 934
210 <210> SEQ ID NO: 7
211 <211> LENGTH: 783
212 <212> TYPE: DNA
213 <213> ORGANISM: Homo sapiens
215 <400> SEQUENCE: 7
216 tcgaccgccc cttggcttct gcaactgatgg tgggtggatg agtaatgcat ccaggaagcc 60
217 tggaggcctg tggtttccgc acccgctgcc acccccgccc ctagecgtga catttacct 120
218 ctagecgtca ggccctgcgc gcatcgccgc agatccagcg cccagagaga caccagagaa 180
219 cccaccatgg ccccttttga gcccctggct tctggcatcc tgttggttgc gtggctgata 240

```

RAW SEQUENCE LISTING

DATE: 05/02/2002

PATENT APPLICATION: US/09/695,293

TIME: 14:04:31

Input Set : A:\2002-04-18 2786-0140P seq list.txt

Output Set: N:\CRF3\05022002\I695293.raw

```

220 gccccagca gggcctgcac ctgtgtccca cccacccac agacggcctt ctgcaattcc 300
221 gacctcgtca tcagggccaa gttcgtgggg acaccagaag tcaaccagac caccttatac 360
222 cagcgttatg agatcaagat gaccaagatg tataaagggg tccaagcctt aggggatgcc 420
223 gctgacatcc ggttcgtcta ccccccgcc atggagagtg tctgcggata cttccacagg 480
224 tcccacaacc gcagcgagga gtttctcatt tatccatccc ctgcaaactg cagagtggca 540
225 ctcatctgctt gtggacggac cagctcctcc aaggctctga aaagggttc cagtcccgtc 600
226 accttgctg cctgcctcgg gagccagggc tgtgcacctg gcagtccctg cgggccaga 660
227 tagcctgaat cctgcccggg gtggaagctg aagcctgcac agtgtccacc ctgttccacc 720
228 tcccatcttt cttccggaca atgaaataaa gagttaccac ccagcagaaa aaacaaacaa 780
229 gtc 783

```

232 <210> SEQ ID NO: 8

233 <211> LENGTH: 895

234 <212> TYPE: DNA

235 <213> ORGANISM: Homo sapiens

237 <400> SEQUENCE: 8

```

238 tcgaccgcc cttggcttct gcactgatgg tgggtggatg agtaatgcat ccaggaagcc 60
239 tggaggcctg tggtttcgc acccgtgcc accccgccc ctacgctgga catttatcct 120
240 ctacgctca ggcctgcgc gcacgcgcgc agatccagcg ccagagaga caccagagaa 180
241 cccaccatgg cccctttga gcccctggt tctggcatcc tgttgttgc gtggtgata 240
242 gccccagca gggcctgcac ctgtgtccca cccacccac agacggcctt ctgcaattcc 300
243 gacctcgtca tcagggccaa gttcgtgggg acaccagaag tcaaccagac caccttatac 360
244 cagcgttatg agatcaagat gaccaagatg tataaagggg tccaagcctt aggggatgcc 420
245 gctgacatcc ggttcgtcta ccccccgcc atggagagtg tctgcggata cttccacagg 480
246 gctggaaaac tgcaggatgg actcttgac atcactacct gcagttttgt ggctccctgg 540
247 aacagcctga gcttagctca gcgcggggc ttcaccaaga cctacactgt tggctgtgag 600
248 gaatgcacag tgtttccctg tttatccatc ccctgcaaac tgcagagtgg cactcattgc 660
249 ttgtggacgg accagctcct ccaaggctct gaaaagggt tccagtcctg tcaccttgcc 720
250 tgccctgctc gggagccagg gctgtgcacc tggcagtcct tgccgtccca gatagcctga 780
251 atcctgcccg gagtggaaagc tgaagcctgc acagtgtcca ccctgttccc actcccatct 840
252 ttcttcggga caatgaaata aagagttacc acccagcaga aaaaacaaac aagtc 895

```

255 <210> SEQ ID NO: 9

256 <211> LENGTH: 2565

257 <212> TYPE: DNA

258 <213> ORGANISM: Homo sapiens

260 <400> SEQUENCE: 9

```

261 ggcacgagca gcccggagc ccgggccagg gtccacctgt ccccgacagc ccggctcgcg 60
262 cctcctgcc gcagccaccg agcgcgcgtc tagcgcctcg acctcgccac catgagagcc 120
263 ctgctggcgc gctgcttct ctgcgtcctg tctgtgagcg actccaaagg cagcaatgaa 180
264 cttcatcaag ttccatcgaa ctgtgactgt ctaaattggag gaacatgtgt gtccaacaag 240
265 tactttctca acattcactg gtgcaactgc ccaaagaaat tcggagggca gcactgtgaa 300
266 atagataagt caaaaacctg ctatgagggg aatggtcact tttaccgagg aaaggccagc 360
267 actgacacca tgggcccggc ctgcctgcc tggaaactct ccactgtcct tcagcaaacg 420
268 taccatgccc acagatctga tgcctctcag ctgggcctgg ggaaacataa ttactgcagg 480
269 gaggtggggg cacaaggacc aaaagccctc cctacagttc ccagaaacct tgttaccatc 540
270 ccttctccc agagggtggt ccatagcaca agagaagtgc agcctctggt tgagtcttcc 600
271 ctgaggggag gaggcaggga aggcctctg ggttggaatg acatcccta tctttctgtg 660
272 ttgccaggaa ccagacaac cggaggcgac cctggtgcta tgtgcagggt ggctaaagc 720
273 cgttgtcca agagtgcag gtgcagact gcgcagatgg aaaaagccc tcctctctc 780
274 cagaagaatt aaaatttcag tgtggccaaa agactctgag gcccgcctt aagattattg 840

```

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 05/02/2002
PATENT APPLICATION: US/09/695,293 TIME: 14:04:32

Input Set : A:\2002-04-18 2786-0140P seq list.txt
Output Set: N:\CRF3\05022002\I695293.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; N Pos. 1452,1490,1497
Seq#:23; N Pos. 8,26,27,59,663,694,710,763,775,784,788,818,824,829,832,843
Seq#:23; N Pos. 857,869
Seq#:24; N Pos. 8,26,27,726,734,770,812,819,821,829,838,846,848,850,858,864
Seq#:24; N Pos. 866,879,885,893
Seq#:27; Xaa Pos. 475
Seq#:29; Xaa Pos. 573
Seq#:49; Xaa Pos. 76